

MEASUREMENT & CONTROL

SWITCH MODE POWER SUPPLIES

MDR Series

- Modular Design
- From 10W to 100W
- Input range from 85VAC up to 264VAC, 120VDC up to 370VDC
- Output Voltages of 5V, 12V, 15V and 24VDC
- Approved to EN55022 Class B, EN61000-3-2,3 (AII)EN55024
- UL and CE Approved



Part Code	Watts	Input Voltage		Output V & A	Output V tolerance	Ripple & noise	Efficiency	Dimensions L x D x H mm
MDR-10-05	10 Watt	85-264VAC	120-370VDC	5VDC 2A	+/- 1%	80mV	77%	22.5 x 100 x 90
MDR-10-12	10 Watt	85-264VAC	120-370VDC	12VDC 0.8A	+/- 1%	120mV	81%	22.5 x 100 x 90
MDR-10-15	10 Watt	85-264VAC	120-370VDC	15VDC 0.6A	+/- 1%	120mV	81%	22.5 x 100 x 90
MDR-10-24	10 Watt	85-264VAC	120-370VDC	24VDC 0.4A	+/- 1%	150mV	84%	22.5 x 100 x 90
MDR-20-05	20 Watt	85-264VAC	120-370VDC	5VDC 3A	+/- 2%	80mV	76%	22.5 x 100 x 90
MDR-20-12	20 Watt	85-264VAC	120-370VDC	12VDC 1.67A	+/- 1%	120mV	80%	22.5 x 100 x 90
MDR-20-15	20 Watt	85-264VAC	120-370VDC	15VDC 1.34A	+/- 1%	120mV	81%	22.5 x 100 x 90
MDR-20-24	20 Watt	85-264VAC	120-370VDC	24VDC 1A	+/- 1%	150mV	84%	22.5 x 100 x 90
MDR-40-05	40 Watt	85-264VAC	120-370VDC	5VDC 6A	+/- 2%	80mV	78%	40 x 100 x 90
MDR-40-12	40 Watt	85-264VAC	120-370VDC	12VDC 3.33A	+/- 1%	120mV	86%	40 x 100 x 90
MDR-40-24	40 Watt	85-264VAC	120-370VDC	24VDC 1.7A	+/- 1%	150mV	88%	40 x 100 x 90
MDR-40-48	40 Watt	85-264VAC	120-370VDC	48VDC 0.83A	+/- 1%	200mV	86%	40 x 100 x 90
MDR-60-05	60 Watt	85-264VAC	120-370VDC	5VDC 10A	+/- 1.5%	80mV	78%	40 x 100 x 90
MDR-60-12	60 Watt	85-264VAC	120-370VDC	12VDC 5A	+/- 1%	120mV	86%	40 x 100 x 90
MDR-60-24	60 Watt	85-264VAC	120-370VDC	24VDC 2.5A	+/- 1%	150mV	88%	40 x 100 x 90
MDR-60-48	60 Watt	85-264VAC	120-370VDC	48VDC 1.25A	+/- 1%	200mV	87%	40 x 100 x 90
MDR-100-12	100 Watt	85-264VAC	120-370VDC	12VDC 7.5A	+/- 1%	120mV	85%	55 x 100 x 90
MDR-100-24	100 Watt	85-264VAC	120-370VDC	24VDC 4A	+/- 1%	150mV	86%	55 x 100 x 90
MDR-100-48	100 Watt	85-264VAC	120-370VDC	48VDC 2A	+/- 1%	200mV	88%	55 x 100 x 90

Universal input voltage of 85 - 264VAC 1ph, in 10W, 20W, 40W, 60W & 100W

All units are fully protected against overload, short circuit, overvoltage and over temperature.

All are fitted with a Power on LED indicator.

For use in ambient temperature -15 to 50 Degrees C